AMENDMENTS TO THE CLAIMS

The claims in this listing will replace all **prior** versions, and listings, of claims in the application.

Listing of Claims

1.   (Currently Amended) A video data file ~~consolidating~~ <u>integrating</u> apparatus for ~~converting and consolidating~~ <u>integrating</u> original <u>un-integrated</u> video data files and <u>original un-integrated</u> management information ~~data~~ files associated therewith ~~before consolidation which are recorded in~~ <u>having</u> a data format of ~~a~~ <u>an original un-integrated</u> directory file structure ~~before consolidation~~ <u>recorded</u> in a first recording medium, into a data format of a different directory file structure ~~for~~ <u>to be recorded in</u> a second recording medium, said apparatus comprising:

<u>a</u> conversion ~~processing means for converting~~ <u>processor that converts</u> said <u>original un-integrated</u> management information files ~~before consolidation~~ and <u>the original un-integrated</u> video data files ~~before consolidation to said~~ <u>into an integrated</u> management information file ~~after consolidation~~ and <u>an integrated</u> video data file<u>, respectively,</u> ~~after consolidation,~~

wherein said conversion ~~processing means~~ <u>processor</u> converts <u>the original un-integrated</u> directory file structure ~~information in units of the~~ <u>corresponding to the first</u> recording ~~media~~ <u>medium</u> ~~before consolidation to~~ <u>into</u> reproduction control information<u>, which is used in reproducing said integrated video data file,</u> in a data format of said <u>integrated</u> management information file ~~for after consolidation~~ so as to be recorded ~~at the time of consolidation.~~ <u>in the second medium in the integrated management information file.</u>

2.   (Currently Amended) A video data file ~~consolidating~~ integrating apparatus for ~~converting and consolidating~~ integrating original un-integrated video data files and original un-integrated management information ~~data~~ files associated therewith ~~before consolidation which are recorded in~~ having a data format of ~~a~~ an original un-integrated directory file structure, ~~before consolidation,~~ into a data format of a different directory file structure, said apparatus comprising:

a first recording medium ~~for before consolidation for recording~~ that records said original un-integrated video data files ~~before consolidation~~ and the original un-integrated management information ~~data~~ files associated therewith;

a second recording medium ~~for after consolidation for recording said~~ that records an integrated video data file ~~after consolidation~~ and an integrated management information ~~data~~ file associated therewith;

a first reading/writing ~~means for reading and writing~~ unit that reads and writes the original un-integrated video data ~~on~~ files and the original un-integrated management information files from and to said first recording medium; ~~for before consolidation;~~

a second reading/writing ~~means for reading and writing~~ unit that reads and writes the integrated video data file and the integrated management information file ~~on~~ from and to said second recording medium; ~~for after consolidation;~~ and

a conversion ~~control means for controlling~~ controller that controls conversion of the original un-integrated video data files and the original un-integrated management information files recorded in said first recording medium ~~for before consolidation to a~~ into an integrated data format ~~to be~~ used in said second recording medium, ~~for after consolidation, or controlling~~ and controls inverse conversion ~~inverse thereto,~~ thereof,

wherein said conversion ~~control means~~ controller performs conversion ~~processing~~ of said original un-integrated management information files ~~before consolidation to~~ into said integrated management information file, ~~after consolidation,~~ and performs conversion ~~processing~~ of said original un-integrated video data files ~~before consolidation to~~ into said integrated video data file, ~~after consolidation,~~ and when ~~consolidating~~ integrating into said integrated management information file and said integrated video data file ~~after consolidation~~ to be recorded in the data format used in said second recording medium, ~~for after consolidation,~~ said conversion ~~control means~~ controller converts information relating to ~~a~~ the original un-integrated directory ~~and~~ file structure ~~of a data group~~ before the ~~data~~ conversion ~~to the~~ into reproduction control information, which is used in reproducing said integrated video data file and which is ~~additionally~~ recorded ~~in~~ and added to said integrated management information file. ~~after consolidation.~~

3.   (Currently Amended) A video data file ~~consolidating~~ integrating method for integrating original video data files and original management information files associated therewith having a data format of an original un-integrated directory file structure recorded in a first medium into a data format of a different directory file structure to be recorded in a second recording medium, the method comprising:

converting the original un-integrated management information files and the original un-integrated video data files to an integrated management information file and an integrated video data file, respectively; and

converting the original un-integrated directory file structure corresponding to the first recording medium into reproduction control information, which is used in reproducing the

integrated video data file, in a data format of the integrated management information file so as to be recorded in the second medium in the integrated management information.

~~consolidating plural data groups consisting of at least one video data file and at least one management information file including information associated therewith in units of the data groups to create new video data file and management information file different from those of the data groups, wherein said plural data groups before consolidation are data groups recorded in a predetermined same data format and directory file structure, and the directory file structure information of the data groups before consolidation is converted to reproduction control information in the data format of the management information file after consolidation and is recorded in the management information file after consolidation.~~

4.   (Currently Amended) The video data file ~~consolidating~~ integrating method according to claim 3, ~~wherein both or~~ further comprising:

converting at least one of file name information and directory name information of the video data ~~file in~~ files having the data format of the original un-integrated directory file structure ~~before consolidation is converted to~~ into text information in the data format of the integrated management information file ~~after consolidation~~ to be recorded.

5.   (Currently Amended) The video data file ~~consolidating~~ integrating method according to claim 3, wherein the reproduction control information ~~has~~ includes identification information for identifying the reproduction control information, and the method further comprising:

~~changes~~ changing the identification information when the original un-integrated directory file structure ~~information of the data groups before consolidation~~ is converted ~~to~~ into the

reproduction control information in the data format of the <u>integrated</u> management information file~~,~~ ~~after consolidation.~~

6.   (Currently Amended) The video data file ~~consolidating~~ <u>integrating</u> method according to claim 5, wherein the identification information is text information provided to the reproduction control information.

7.   (Currently Amended) The video data file ~~consolidating~~ <u>integrating</u> method according to claim 5, wherein the identification information is flag information provided to the reproduction control information.

8.   (Currently Amended) ~~A consolidated~~ <u>An integrated</u> video data file reproducing apparatus for reproducing ~~a new~~ <u>an integrated</u> video data file ~~different from data groups~~ created by ~~consolidating plural data groups consisting of at least one~~ <u>integrating original</u> video data ~~file~~ <u>files</u> and ~~at least one~~ <u>original</u> management information ~~file~~ <u>files</u> ~~including information~~ associated therewith ~~in units of the data groups, wherein said plural data groups before consolidation are~~ ~~data groups recorded in a predetermined same data format and~~ <u>having a data format of an</u> <u>original un-integrated</u> directory file structure, <u>into the integrated video data file and an integrated</u> <u>management information file, respectively,</u> and the <u>original un-integrated</u> directory file structure ~~information of the data groups before consolidation~~ is converted ~~to~~ <u>into</u> reproduction control information~~,~~ <u>which is used in reproducing said integrated video data file,</u> in a data format of the <u>integrated</u> management information file~~, after consolidation to be recorded in the management~~ ~~information file after consolidation, and~~

wherein ~~said apparatus reproduces~~ said <u>integrated</u> video data file ~~after consolidation is~~ ~~reproduced~~ by utilizing the reproduction control information.

9.   (Currently Amended) The ~~consolidated~~ <u>integrated</u> video data file reproducing apparatus according to claim 8, wherein ~~both or~~ <u>at least</u> one of file name information and directory name information of the <u>original video</u> data ~~file in~~ <u>files having the data format of</u> the <u>original un-</u><u>integrated</u> directory file structure ~~before consolidation are~~ <u>is</u> converted into text information in the data format of the <u>integrated</u> management information file ~~after consolidation~~ and is recorded, and the recorded <u>text</u> information is reproduced.

10.   (Currently Amended) ~~A consolidated~~ <u>An integrated</u> video data file reproducing method for reproducing ~~a new~~ <u>an integrated</u> video data file ~~different from data groups~~ created by ~~consolidating plural data groups consisting of at least one~~ <u>integrating original</u> video data ~~file~~ <u>files</u> and ~~at least one~~ <u>original</u> management information ~~file including information~~ <u>files</u> associated therewith ~~in units of the data groups, wherein said plural data groups before consolidation are~~ ~~data groups recorded in a predetermined same data format and~~ <u>having a data format of an</u> <u>original un-integrated</u> directory file structure, <u>into the integrated video data file and an integrated</u> <u>management information file, respectively,</u> and the <u>original un-integrated</u> directory file structure ~~information of the data groups before consolidation~~ is converted ~~to~~ <u>into</u> reproduction control information<u>, which used in reproducing the integrated video data file,</u> in a data format of the <u>integrated</u> management information file, ~~after consolidation to be recorded in said management~~ ~~information file after consolidation, and wherein~~ <u>the method comprising:</u>

reproducing ~~said~~ the integrated video data file ~~after consolidation is reproduced~~ by utilizing the reproduction control information.

11.   (Currently Amended) The ~~consolidated~~ integrated video data file reproducing method according to claim 10, wherein ~~both or~~ at least one of file name information and directory name information of the video data ~~file in~~ files having the data format of the original un-integrated directory file structure ~~before consolidation are~~ is converted ~~to~~ into text information in the data format of the integrated management information file ~~after consolidation~~ and is recorded, and the recorded text information is reproduced.